

Remarks:

Claims 1-17 are pending in this application. Applicants have amended claims 1, 4, 5, 11 and 14 to clarify the claimed invention. Applicants respectfully request favorable reconsideration of this application.

Applicants have amended the dependency of claims 5 and 14 to overcome the claim objections. Applicants respectfully request withdrawal of the objection to the claims.

The Examiner rejected claims 1, 3, 4, 6-11, 13, and 15-17 under 35 U.S.C. § 102(b) as being anticipated by JP 09-153315 to Nakayama et al.

Nakayama et al. does not disclose the invention recited in independent claims 1 or 11 since, among other things, Nakayama et al. does not disclose an insulating core including a diffusion barrier at least partially coating an exterior surface of the insulating core. Applicants submit herewith a computer generated translation of Nakayama et al. Nakayama et al. does not include any description of a diffusion barrier. The Examiner asserts that lining 8 discloses a diffusion barrier. Nakayama et al. only identifies the structure 8 as a lining. Nakayama et al. does not include any description of the lining, what it is made of, its function or any other aspect of the lining.

Nakayama et al. discloses a body including a hollow cylinder of porcelain with an outer covering of, for example, EPDM (2) and a metallic sealing attached to at least one of the end

parts of the cylinder. Nakayama et al. solves the problem of how to prevent moisture or water ingress to the inside of the hollow cylinder. The problem is solved by arranging a metallic sealing part to the end part of the outer covering and arranging room temperature curing silicone rubber at the interface between the two parts. Nakayama et al. discloses how to make a sealing between two different parts of a composite porcelain tube. Nakayama et al. does not disclose a bushing with an insulating core, and does not disclose a continuous diffusion barrier comprising a continuous film with firm adhesion to the insulating core.

Additionally, Nakayama et al. does not disclose an insulating core including a body of epoxy resin impregnated paper as recited in claim 3. Nakayama et al. only discussed epoxy resin in connection with Fig. 4, stating that a thin layer of epoxy resin is applied in the area where the core cylinder and the metallic sealing of Nakayama et al. are connected.

In view of the above, Nakayama et al. does not disclose all elements of the invention recited in claims 1-17. Since Nakayama et al. does not disclose all elements of the invention recited in claims 1-17, the invention recited in claims 1-17 is not properly rejected under 35 U.S.C. § 102(b). For an anticipation rejection under 35 U.S.C. § 102(b) no difference may exist between the claimed invention and the reference disclosure. *See Scripps Clinic and Research Foundation v. Genentech, Inc.*, 18 U.S.P.Q. 841 (C.A.F.C. 1984).

Along these lines, anticipation requires the disclosure, in a cited reference, of each and every recitation, as set forth in the claims. *See Hodosh v. Block Drug Co.*, 229 U.S.P.Q. 182 (Fed. Cir. 1986); *Titanium Metals Corp. v. Banner*, 227 U.S.P.Q. 773 (Fed. Cir. 1985); *Orthokinetics, Inc. v.*

Safety Travel Chairs, Inc., 1 U.S.P.Q.2d 1081 (Fed. Cir. 1986); and *Akzo N.V. v. U.S. International Trade Commissioner*, 1 U.S.P.Q.2d 1081 (Fed. Cir. 1986).

In view of the above, the reference relied upon in the office action does not disclose patentable features of the claimed invention. Consequently, the reference relied upon in the office action does not anticipate the claimed invention. Hence, the claimed invention is patentable over the cited reference and Applicants request withdrawal of the rejection based on the cited reference.

Accordingly, Applicant respectfully requests favorable reconsideration of this case and issuance of the notice of allowance.

If an interview would advance the prosecution of this application, Applicants respectfully urge the Examiner to contact the undersigned at the telephone number listed below.

The undersigned authorizes the Commissioner to charge fee insufficiency and credit overpayment associated with this communication to Deposit Account No. 22-0261.

Respectfully submitted,

Date: September 24, 2009

/Eric J. Franklin/
Eric J. Franklin, Reg. No. 37,134
Attorney for Applicants
Venable LLP
575 Seventh Street, NW
Washington, DC 20004
Telephone: 202-344-4936
Facsimile: 202-344-8300